

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6008703").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 10:38
S2	2	hein.in. and perrott.in.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/26 13:11
S3	2	("5036298").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/26 15:26
S4	1527	(clock near delay\$4) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/26 15:26
S5	436	(clock near delay\$4) and pll and vco and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/26 15:27
S6	366	(clock near delay\$4) and pll and vco and filter and (phase with detect\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/26 15:27
S7	270	((clock near delay\$4) and pll and vco and filter and (phase with detect\$4)) and (ram or rom or fifo or memory or register or storage)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 15:28
S8	181	((clock near delay\$4) and pll and vco and filter and (phase with detect\$4)) and ((ram or rom or fifo or memory or register or storage) with data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 15:28
S9	104	((clock near delay\$4) and pll and vco and filter and (phase with detect\$4)) and (((ram or rom or fifo or memory or register or storage) with data) same phase)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 15:29
S10	49	(((clock near delay\$4) and pll and vco and filter and (phase with detect\$4)) and (((ram or rom or fifo or memory or register or storage) with data) same phase)) and ((vco or oscillat\$4) same (delay\$4 with clock))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:38

S11	16549	data with phase with detect\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:39
S12	3042	pll and (data with phase with detect\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:39
S13	756	(pll and (data with phase with detect\$4)) and (clock with delay\$4) and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:39
S14	266	(pll and (data with phase with detect\$4)) and (clock with delay\$4 with control\$4) and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:40
S15	128	(pll and (data with phase with detect\$4)) and ((clock with delay\$4 with control\$4) same (phase with detect\$4)) and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:40
S16	70	(pll and (data with phase with detect\$4)) and ((clock with delay\$4 with control\$4) same (phase with detect\$4)) and (delay\$4 with filter)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:45
S17	40135	clock near5 delay\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:45
S18	4600	pll and (clock near5 delay\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:45
S19	1593	pll same (clock near5 delay\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:45
S20	73	(pll same (clock near5 delay\$4)) and ((clock with delay\$4 with control\$4) same (phase with detect\$4)) and (delay\$4 with filter)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:46
S21	30249	clock near3 delay\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:45
S22	150	(clock near3 delay\$4) and ((clock with delay\$4 with control\$4) same (phase with detect\$4)) and (delay\$4 with filter) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:46

S23	39	(clock near3 delay\$4) and ((clock with delay\$4 with control\$4) same (phase with detect\$4 with data)) and (delay\$4 with filter) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:02
S24	2687	(clock with delay\$4) and (clock with jitter\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:02
S25	1186	(clock with delay\$4) and (clock with jitter\$4) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:02
S26	1297	(clock with delay\$4) and (clock with jitter\$4) and (pll or dll)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:03
S27	1032	(clock near4 delay\$4) and (clock with jitter\$4) and (pll or dll)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:03
S28	937	(clock near3 delay\$4) and (clock with jitter\$4) and (pll or dll)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:03
S29	793	(clock near2 delay\$4) and (clock with jitter\$4) and (pll or dll)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:03
S30	228	((clock near2 delay\$4) and (clock with jitter\$4) and (pll or dll)) and vco and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:03
S31	145	(phase with data) and (((clock near2 delay\$4) and (clock with jitter\$4) and (pll or dll)) and vco and filter)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:04
S32	103	((phase with data) and (((clock near2 delay\$4) and (clock with jitter\$4) and (pll or dll)) and vco and filter)) and (delay\$4 with control\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:04
S33	39	((phase with data) and (((clock near2 delay\$4) and (clock with jitter\$4) and (pll or dll)) and vco and filter)) and ((delay\$4 with control\$4) same vco)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:13
S34	189319	(phase or frequency) near2 (detect\$3 or compar\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:14

S35	24318	oscillator\$1 same delay\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:14
S36	3753	((phase or frequency) near2 (detect\$3 or compar\$4)) same (oscillator\$1 same delay\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:14
S37	195930	control with phase	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:15
S38	1361	(((phase or frequency) near2 (detect\$3 or compar\$4)) same (oscillator\$1 same delay\$3)) same (control with phase)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:15
S39	11473	control with phase with delay	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:15
S40	12994	control with phase with delay\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:15
S41	777	(((phase or frequency) near2 (detect\$3 or compar\$4)) same (oscillator\$1 same delay\$3)) same (control with phase with delay\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:23
S42	304	((((phase or frequency) near2 (detect\$3 or compar\$4)) same (oscillator\$1 same delay\$3)) same (control with phase with delay\$3)) and vco	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:16
S43	168	((((((phase or frequency) near2 (detect\$3 or compar\$4)) same (oscillator\$1 same delay\$3)) same (control with phase with delay\$3)) and vco) and (clock with delay\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:30
S44	4	("5113152"   "5202906"   "5281863"   "6404291").PN.	USPAT	OR	OFF	2004/10/27 10:28
S45	3	"6542038".URPN.	USPAT	OR	OFF	2004/10/27 10:30
S46	114	nishimura.in. and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:30
S47	10	nishimura.in. and pll and matsushita.as.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:22

S48	237	pll and (delay near filter\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:22
S49	263	pll and (delay\$3 near filter\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:22
S50	673	pll and (delay\$3 near2 filter\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:23
S51	777	((phase or frequency) near2 (detect\$3 or compar\$4) same (oscillator\$1 same delay\$3)) same (control with phase with delay\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:23
S52	16	(pll and (delay\$3 near2 filter\$4)) and (((phase or frequency) near2 (detect\$3 or compar\$4) same (oscillator\$1 same delay\$3)) same (control with phase with delay\$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:32
S53	10598	((phase near2 (detect\$3 or compar\$5)) with control\$4) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:33
S54	8622	((phase near2 (detect\$3 or compar\$5)) with control\$4) same (vco or oscillat\$4)) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:34
S55	4807	((phase near2 (detect\$3 or compar\$5)) with control\$4 with filter) same (vco or oscillat\$4)) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:35
S56	970	((phase near2 (detect\$3 or compar\$5)) with control\$4 with filter with clock) same (vco or oscillat\$4)) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:35
S57	87	((phase near2 (detect\$3 or compar\$5)) with control\$4 with filter with (delay\$4 with clock)) same (vco or oscillat\$4)) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 14:12
S58	722	matsushita.as. and pll and (phase near comparator)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 14:12
S59	22	(matsushita.as. and pll and (phase near comparator)) and (delay near element)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 15:03

S60	1308	delay with (control near2 signal) with (phase near2 (detect\$3 or compar\$6))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 15:04
S61	326	(delay with (control near2 signal) with (phase near2 (detect\$3 or compar\$6))) and (vco or oscillat\$4) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 15:04
S62	252	((delay with (control near2 signal) with (phase near2 (detect\$3 or compar\$6))) and (vco or oscillat\$4) and pll) and (delay\$3 with clock)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 15:04
S63	105	((delay with (control near2 signal) with (phase near2 (detect\$3 or compar\$6))) and (vco or oscillat\$4) and pll) and (delay\$3 with clock)) and (delay with filter)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 11:07
S64	409	delay\$4 near4 (clock and (oscillat\$3 or vco) and (phase near2 (detect\$3 or compar\$5)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 11:08
S65	242	pll and (delay\$4 near4 (clock and (oscillat\$3 or vco) and (phase near2 (detect\$3 or compar\$5))))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 11:08
S66	187	(pll and (delay\$4 near4 (clock and (oscillat\$3 or vco) and (phase near2 (detect\$3 or compar\$5))))) and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:41
S67	187	(pll and (delay\$4 near4 (clock and (oscillat\$3 or vco) and (phase near2 (detect\$3 or compar\$5))))) and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:41
S68	15088	data near recover\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:51
S69	26	((pll and (delay\$4 near4 (clock and (oscillat\$3 or vco) and (phase near2 (detect\$3 or compar\$5))))) and filter ) and (data near recover\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:44
S70	0	fifo and (((pll and (delay\$4 near4 (clock and (oscillat\$3 or vco) and (phase near2 (detect\$3 or compar\$5))))) and filter ) and (data near recover\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:45

S71	1216	fifo and (data near recover\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:45
S72	289	(fifo and (data near recover\$4)) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:45
S73	18	((fifo and (data near recover\$4)) and pll) and (clock near delay\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:45
S74	4	((data near recover\$4) same fifo) and pll and (phase near (detect\$3 or comparat\$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:52
S75	15	(US-5036298-\$ or US-6718473-\$ or US-6483871-\$ or US-6127865-\$ or US-6028903-\$ or US-6414528-\$ or US-5347232-\$ or US-5212601-\$ or US-6542038-\$ or US-6356158-\$ or US-6198415-\$ or US-6259293-\$ or US-6041089-\$ or US-6542040-\$ or US-6396888-\$).did.	USPAT	OR	OFF	2004/10/28 15:54
S76	13	data and ((US-5036298-\$ or US-6718473-\$ or US-6483871-\$ or US-6127865-\$ or US-6028903-\$ or US-6414528-\$ or US-5347232-\$ or US-5212601-\$ or US-6542038-\$ or US-6356158-\$ or US-6198415-\$ or US-6259293-\$ or US-6041089-\$ or US-6542040-\$ or US-6396888-\$). did.)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/28 15:54
S77	11	((data near (recover\$3 or detect\$3 or sync\$12)) or (data same pll)) and ((US-5036298-\$ or US-6718473-\$ or US-6483871-\$ or US-6127865-\$ or US-6028903-\$ or US-6414528-\$ or US-5347232-\$ or US-5212601-\$ or US-6542038-\$ or US-6356158-\$ or US-6198415-\$ or US-6259293-\$ or US-6041089-\$ or US-6542040-\$ or US-6396888-\$). did.)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/28 16:12
S78	2	("5036298").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/28 16:12

S79	2	(("5036298").PN.) and zero	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/28 16:12
S80	45	(clock near delay\$4) and ((phase near (detect\$3 or comparat\$4)) same (retim\$4) same data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/29 18:28
S81	533	375/327.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/29 18:29
S82	168	375/327.ccls. and pll and (phase near (detect\$4 or comparat\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/29 18:29
S83	7	(375/327.ccls. and pll and (phase near (detect\$4 or comparat\$4))) and (clock near delay\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/29 18:30
S84	70599	phase near detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:26
S85	2504	vco with delay\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:27
S86	1172	S84 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:27
S87	23	S86 and (delay\$4 near filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:36
S88	245006	(phase frequency) near3 (detect\$4 comparat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:36

S89	38782	(oscillator vco) same delay\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S90	6729	S88 same S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S91	19880	(oscillator vco) with delay\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S92	3296	S88 same S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S93	1625	S92 and (delay\$4 same clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S94	1385	S92 and (delay\$4 with clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S95	785	S94 and (delay\$4 same filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:38
S96	549	S94 and (delay\$4 with filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:44

S97	12998	S84 same clock	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:39
S98	312	S96 and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:39
S99	1585	S84 same (delay\$4 with filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:45
S100	207	S98 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:46
S101	3621	S88 same (delay\$4 with filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:45
S102	1585	S99 same S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:45
S103	158	S98 and S99	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:46
S104	6	("4510461"   "4947382"   "5374904"   "5404250"   "5475344"   "5717362").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 15:51
S105	2	("6542040").URPN.	USPAT	OR	ON	2005/06/29 15:51
S106	751	pll and (clock with delay\$4 with filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:52

S10 7	343	pll and (clock with delay\$4 with filter\$4 with control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:53
S10 8	298	S107 and (phase near (detect\$4 compar\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:57
S10 9	14	S108 and (delay\$4 near filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:56
S11 0	2661	pll and (delay\$4 with control with clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:56
S11 1	1196	S110 and (clock near delay\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:56
S11 2	762	S111 and (phase near (detect\$4 compar\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:57
S11 3	22	(delay\$4 near filter\$4) and S112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:57
S11 4	110	vco with (clock near delay\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 10:59

S11 5	87	pll and (clock near delay\$3 near control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:07
S11 6	595	pll same (delay near control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:07
S11 7	422	S116 same phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:08
S11 8	331	S117 and (oscillat\$4 vco nco)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:08
S11 9	225	S117 and (oscillat\$4 vco nco)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:08
S12 0	6	("5019785"   "5339278"   "5574757"   "5596300"   "5638410"   "5648964").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 11:26
S12 1	4	("6310498").URPN.	USPAT	OR	ON	2005/07/22 11:41
S12 2	2	("5389898"   "5889436").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 11:53
S12 3	90	(phase near (error difference detect\$4)) same vco same (control\$4 near delay\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 11:55
S12 4	80	(phase near (error difference detect\$4)) same vco same (control\$4 near delay\$4)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:59
S12 5	37	(phase near (error difference detect\$4)) with (control\$4 near delay\$4) same vco	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:00

S12 6	37	((phase near (error difference detect\$4)) with (control\$4 near delay\$4)) same vco	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:03
S12 7	27	(voltage near control\$4 near delay\$4) with (phase near shift)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:01
S12 8	0	vco same S127	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:03
S12 9	6	vco and S127	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:03
S13 0	177031	(phase frequency) near2 (detect\$4 comparat\$3)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:01
S13 1	50616	oscillat\$4 same delay\$4	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:03
S13 2	5598	S130 same S131	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:35
S13 3	815	oscillat\$4 same (clock near delay\$4)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:04
S13 4	5598	S130 same S132	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:04
S13 5	160	S130 same S133	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:30

S13 6	2	("5856762").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 13:34
S13 7	2463	327/149,156,158,161.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 15:57
S13 8	177031	(phase frequency) near2 (detect\$4 comparat\$3)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:35
S13 9	50616	oscillat\$4 same delay\$4	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:35
S14 0	5598	S138 same S139	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:35
S14 1	319	S137 and S140	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:35
S14 2	8	("5347234"   "5475344"   "5706218"   "5717362"   "5864258"   "6094103"   "6104253"   "6188291").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 13:47
S14 3	0	("6683504").URPN.	USPAT	OR	ON	2005/07/22 13:48
S14 4	5	("4409564"   "4472685"   "4697156"   "5495206"   "5907253").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 14:22
S14 5	5	("6359950").URPN.	USPAT	OR	ON	2005/07/22 14:23
S14 6	3	("5459756"   "5481573"   "5675620").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 15:46
S14 7	1	("6353648").URPN.	USPAT	OR	ON	2005/07/22 15:47
S14 8	8565	(divid\$4 delay) same pll	USPAT	OR	ON	2005/07/22 15:48

S14 9	3278	(divid\$4 delay) same pll same vco	USPAT	OR	ON	2005/07/22 15:48
S15 0	2224	(divid\$4 delay) same pll same vco same filter\$4	USPAT	OR	ON	2005/07/22 15:48
S15 1	1764	(divid\$4 delay) same pll same vco same filter\$4 same (phase near (detect\$4 compar\$4))	USPAT	OR	ON	2005/07/22 16:09
S15 2	385	375/130-377.ccls. and S151	USPAT	OR	ON	2005/07/22 15:57
S15 3	2463	327/149,156,158,161.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 15:57
S15 4	70	S152 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 15:58
S15 5	89	(divid\$4 delay) same pll same vco same filter\$4 and ((phase near (detect\$4 compar\$4)) with (memory ram rom storage fifo))	USPAT	OR	ON	2005/07/22 19:00
S15 6	55	((phase near (detect\$4 compar\$4)) with fifo)	USPAT	OR	ON	2005/07/22 16:18
S15 7	15	("4941156"   "5142555"   "5410723"   "5493243"   "5602882"   "5604741"   "5793824"   "5844436"   "5956748"   "6081844"   "6118835"   "6226698"   "6278718"   "6421770"   "6463111").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 16:34
S15 8	526	(fifo with (read and write)) and (phase near2 (detect\$4 comparat\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 16:34
S15 9	322	(fifo with (read and write)) and (phase near2 (detect\$4 comparat\$4))	USPAT	OR	ON	2005/07/22 16:34
S16 0	53839	(fifo with (read and write)) dame (phase near2 (detect\$4 comparat\$4))	USPAT	OR	ON	2005/07/22 16:35
S16 1	22	(fifo with (read and write)) same (phase near2 (detect\$4 comparat\$4))	USPAT	OR	ON	2005/07/22 16:35

S16 2	2927	(delay\$4 divid\$4) with filter with pll	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:35
S16 3	1510	(delay\$4 divid\$4) with filter with pll with vco	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:34
S16 4	177031	(phase frequency) near2 (detect\$4 comparat\$3)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:34
S16 5	965	S164 with S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:34
S16 6	965	S164 with S163	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:35
S16 7	688	((delay\$4 divid\$4) near8 filter) and S166	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:35
S16 8	688	((delay\$4 divid\$4) near8 filter) and S166	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:37
S16 9	28539890	@pd <= "20010326"	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:38
S17 0	412	S169 and S168	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:30

S17 1	1360	nrz with data with clock	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:31
S17 2	84	nrz with (data near code\$2) with clock	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:32
S17 3	243	(manchester near code) with clock	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:54
S17 4	76	birk.in. and phase	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:54
S17 5	5	birk.in. and phase and analog.as.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:56
S17 6	2	("6768358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 18:56
S17 7	9	("5606293"   "5623234"   "5774701"   "5963068"   "6005904"   "6031429"   "6118306"   "6255882"   "6356128").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 18:56
S17 8	2	(divid\$4 delay) same pll same vco same filter\$4 and ((phase near (detect\$4 compar\$4)) with (fifo))	USPAT	OR	ON	2005/07/22 19:02
S17 9	4	(divid\$4 delay) same pll same filter\$4 and ((phase near (detect\$4 compar\$4)) with (fifo))	USPAT	OR	ON	2005/07/22 19:00
S18 0	9	(divid\$4 delay) same pll and ((phase near (detect\$4 compar\$4)) with (fifo))	USPAT	OR	ON	2005/07/22 19:01
S18 1	10	analog.as. and (phase near comparator)	USPAT	OR	ON	2005/07/22 19:01
S18 2	0	("6768358").URPN.	USPAT	OR	ON	2005/07/22 19:02

S18 3	2035	(divid\$4 delay) same pll same vco same filter\$4 and ((phase near (detect\$4 compar\$4)))	USPAT	OR	ON	2005/07/22 19:02
S18 4	1764	(divid\$4 delay) same pll same vco same filter\$4 same ((phase near (detect\$4 compar\$4)))	USPAT	OR	ON	2005/07/22 19:03
S18 5	28539890	@pd <= "20010326"	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 19:03
S18 6	1129	S185 and S184	USPAT	OR	ON	2005/07/22 19:03
S18 7	36	S186 and (data near recovery)	USPAT	OR	ON	2005/07/25 08:13
S18 8	2	("6118316").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/25 08:14
S18 9	1	vco and S188	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/25 08:14
S19 0	4735	(frequency near divid\$4) with delay\$4	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:41
S19 1	739	pll and S190	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:29
S19 2	579	S191 and (phase near (compar\$5 detect\$4))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:35
S19 3	20412650	@ad <= "20010326"	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:41

S19 4	447	S192 and S193	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:33
S19 5	4228	(frequency near divid\$4) with delay	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:34
S19 6	507	pll and S195 and (phase near (compar\$5 detect\$4))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:35
S19 7	383	S193 and S196	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:35
S19 8	305	(frequency near divid\$4) near delay\$4	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:41
S19 9	223	(frequency near divid\$4) near delay	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:41
S20 0	152	S193 and S199	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:42